DYNAMIC COMPILING

Abstract

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The present invention provides a novel execution environment for optimizing the efficiency of the distributed object system. In one embodiment, the invention includes a compiler with ability to interpret, just-in-time compile or pre-compile any object of the distributed object system. An object is provided in a tagged file format that allows a

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compiler to identify critical sections of the object code for immediate one-time compiles while delaying compiling of the non-tagged, non-critical code until actually required by the system.